

Amendments to the Specification

Please replace the title beginning at page 1, line 1, with the following rewritten title:

Protein Biopolymer Markers Indicative of ~~Age Matched Control~~
Alzheimer's Disease

Please replace the paragraph beginning at page 24, line 14, with the following rewritten paragraph:

Operating upon the principles of retentate chromatography, SELDI MS involves the adsorption of proteins, based upon their physico-chemical properties at a given pH and salt concentration, followed by selectively desorbing proteins from the surface by varying pH, salt, or organic solvent concentration. After selective desorption, the proteins retained on the SELDI surface, the "chip", can be analyzed using the CIPHERGEN protein detection system, or an equivalent thereof. Retentate chromatography is limited, however, by the fact that if unfractionated body fluids, e.g. blood, blood products, urine, saliva, cerebrospinal fluid, ~~lymph~~ lymph and the like, along with tissue samples, are applied to the adsorbent surfaces, the biopolymers present in the greatest abundance will compete for all the available binding sites and thereby prevent or preclude less abundant biopolymers from interacting with them, thereby reducing or eliminating the diversity of biopolymers which are readily ascertainable.